

## IN FIELD OF HUSBANDRY

### TOPICS OF INTEREST TO FARMER AND ORCHARDIST

**Meat for Baby Chicks—Prunes and Olives—California for Olives—Buttermilk for Puppies—Homely Hints.**

#### Meat for Baby Chicks.

One of the most discouraging things in the experience of people who are trying to raise chickens is the heavy loss of baby chicks through bowel troubles and other ailments peculiar to young chicks. Here is a valuable lesson for all such people which is published for their benefit by the Rhode Island experiment station:

The use of the proper proportion of animal food will pay a handsome profit through decreased mortality and increased weight of the chicks. In feeding bear in mind that chicks in a state of nature spend practically all of their working hours in search of food, and that they do not fill their crops in ten minutes every two hours. Feeding should be, as far as the time of the attendant renders profitable, a continuous process, but by no means a continuous gorge. The experiment which led up to this conclusion was with an incubator hatch of 219 chickens. These were separated into lots of about fifty each and placed in similar brooders.

For thirty days all conditions were kept alike except the rations. Pen A was fed a balanced ration of grains, meat and green food. The chicks grew and thrived, and not one chick showed symptoms of digestive disorder. The deaths amounted to 3.9 per cent. In pen B all animal food was withheld, the deaths were 9.5 per cent., of which 75 per cent. had bowel trouble. Pen C was fed on grain alone, all animal food and all green food being omitted from the rations; the deaths were 32.7 per cent., of which 76.5 per cent. showed digestive trouble. In pen D all grain food was omitted; the deaths of chicks were 63.7 per cent., of which 85.8 per cent. showed bowel trouble. All the living chicks were weighed at the close of the test, and pen A showed the greatest average weight for all breeds.

This experiment shows conclusively that outside of the brooding and conditions during incubation chicks may be killed by improper feeding. Where one does not wish to buy the prepared beef scraps the bones and scraps from the table will go far toward feeding the baby chicks at first if put in shape so they can eat them.—The Herald.

#### Prunes and Olives.

The following items on prunes and olives are of interest both to producers and consumers:

United States Consul Benjamin H. Ridgley, at Nantes, reports that the French fruit crop is even larger than was expected. Prunes are particularly abundant, and as a consequence there is certain to be a largely decreased demand for American prunes, which have been so eagerly sought during the past several years. There will also be a decreased demand for dried apples, peaches and apricots.

The Lodi Sentinel says that unless the unforeseen happens, the olive crop in that district will be twice as large as last year's. A casual inspection of a few orchards revealed the fact that there are as many olives on the trees as there are leaves—almost. At the Glenn orchard, in the colony, the owner expects to get 20,000 gallons of oil, where last season only half that amount was made from the same number of trees.—The Herald.

#### California for Olives.

The olive is gradually gaining the consideration which the success of a few growers of superior intelligence has won for it. In the October Sunset magazine are two valuable papers on the subject. A single paragraph which is full of significance is appended from M. E. Duiley's contribution:

California has an ideal climate for the culture of the olive, for this tree cannot bear extremes of heat or cold. It may be seen waving its gray-green plummy boughs along the slopes and mesas of the higher foothills, or thriving in perennial loveliness in the low valleys at sea level. It thrives where other trees cannot be grown with profit. The growing of the olive for commercial purposes is yet in its infancy, but the alert orchardist is waking to the idea that it is one of the safest horticultural propositions in the state.

#### Buttermilk for Puppies.

Breeders of dogs of all breeds will find fresh buttermilk the very best feed for puppies they can obtain. As a bone maker and bowel regulator it is unsurpassed. During the past twenty years the writer has fed it to Irish and English Setter, Pointer, Water Spaniel and Beagle puppies, beginning when weaning and continuing its use until after the dogs were grown.

Besides being an excellent food it is an enemy to worms, the puppy's worst foe. Worms will not thrive on buttermilk. While it will not kill them, the worms will not eat it, and the puppy develops more rapidly than on sweet milk. It has one advantage over rich milk, and other foods, overfeeding will not hurt the dog's stomach.

If all the pampered canine pets in the land were fed buttermilk instead of sugar there would be less gouty, feeble, rheumatic, dyspeptic dogs. Try it.—Live Stock Tribune.

#### Where the Almond Thrives.

The almond tree flourishes and produces a profitable crop in many parts of California, which are clearly designated in the October Sunset magazine by Katherine A. Chandler: Almonds mature in a warm climate which is dry in summer. The more moisture they can have in growing time the plumper the nut, but when ripening approaches they need dryness. These requirements exclude from the culture many parts of California where the almond was first planted. The nut will not mature in the coast regions where the fog pours in each summer's day, nor in the colder parts of the state. The southern Sacramento valley and the northern San Joaquin are the localities where the almond thrives best, and here many growers are making it their principal crop.

#### Bulletins on Poultry.

Poultry people should write to the experiment station at Berkeley for a leaflet containing a list of available "Bulletins on Poultry Management." It contains twenty-eight reports from ten different experiment stations, and all these reports from the ten states will be sent free on application. They embrace a great variety of questions deeply interesting to poultry raisers for whom the investigations were made and the bulletins printed. Send for the list. A postal card will get it for you. Then you can select what you want and send for it.—The Herald.

#### Homely Hints.

(California Cultivator.)

**A DISINFECTANT.**—For the sick room a pleasant disinfectant is made by putting in a saucer some freshly ground coffee and lighting a piece of

camphor gum on top of it. As this gum burns it emits the odor of roasting coffee, an aroma that is agreeable to most people. This perfume has the advantage of being healthful, and is to be preferred to the pastilles and incense powders, which to some are very sickening. The odor of the coffee will counteract any bad aroma in the room, and the fumes of the camphor will kill ordinary disease germs that may be floating around.

**SCRIM CURTAINS.**—Scrim curtains of good quality make handsome and ornamental window draperies. Scrim of good quality comes about forty-five inches wide and costs from forty-five cents a yard up. A good way to make the curtains is to hem the bottom and one side about an inch wide, then trim with torobon lace and insertion, having folds of the scrim between the lace and insertion. Put a facing at the top, and shirr on so't folds of cloth.

**TO BRIGHTEN COLORS IN CARPET.**—First clean carpet well. One gallon water, one tablespoon ammonia, one tablespoon ox gall. Use with flannel cloth to wipe carpet.

If cream is thoroughly chilled before being whipped it will froth more easily.

A breakfast dish not to be despised is made by frying cold chicken in pancake batter.

#### To Resume California Limited.

Chicago.—Arrangements have been made by the Santa Fe to resume daily service with its California limited train November 13.

The train will leave Chicago at 7:30 p. m., and arrive in Los Angeles in about sixty-eight hours.

Several features for the greater convenience of the passengers will be added.

#### Portland Gets Convention.

St. Louis.—Portland, Ore., was selected Friday last as the meeting place of the 1905 convention of the American Library Association.

#### Navy Yards to Race.

New York.—A shipbuilding race between the New York and Mare Island navy yards has begun over the construction of two colliers authorized by the last Congress.

They are to be the largest and fastest boats of their class in the world. Each will be about 500 feet in length and the cost about \$1,250,000.

One of the ships was assigned to the Mare Island yard, San Francisco, and the other to the yard here.

#### The Value of a Sunny Soul.

The world is too full of sadness and sorrow, misery and sickness; it needs more sunshine; it needs cheerful lives which radiate gladness; it needs encouragers who will lift and not bear down, who will encourage, not discourage.

Who can estimate the value of a sunny soul who scatters gladness and good cheer wherever he goes, instead of gloom and sadness? Everybody is attracted to these cheerful faces and sunny lives, and repelled by the gloomy, the morose and the sad. We envy people who radiate cheer wherever they go and fling out gladness from every pore. Money, houses and lands look contemptible beside such a disposition. The ability to radiate sunshine is a greater power than beauty, or than mere mental accomplishments.—Success.

#### Silent Helpers.

"What good are you fellows, anyway?" asked the farmer of a dusty hobo he found yawning in his hay. "What good are we?" echoed the knight of the road, "Why, ef we didn't smoke butts in de farmers' barns dey'd never git de inshoorence money ter pay de mortgages off de rest uv de farm. See?"

#### ORIGINAL "BUSTER BROWN."

**Jolly Lad Whose Twinkling Blue Eyes Won Fame for R. F. Outcault.**

The only and original "Buster Brown" is in Denver. He is Roger Cushman Clark, the 5-year-old son of Mr. and Mrs. Horace S. Clark of Leadville, S. D., and is visiting his grandmother, Mrs. I. S. Cushman. Horace Clark is one of the most prominent mining men in the country and is well known both here and in Europe.

The story of how R. F. Outcault, the originator of "Buster Brown," met his model is an interesting one. Little Roger has done a great deal of traveling in his short life, and one time while in New York with his parents he stopped at the same hotel at which Mr. Outcault was living. Roger is large for his age, has the very yellowest of yellow hair, which he wears in the "bob" fashion, and he was always dressed the same—long belted coat, a suggestion of trousers below it, white collar, and a great fluffy tie. It was Roger's eyes, however, that attracted the artist's attention. They are large and dark blue and have a certain little twinkle in them that convinces one the owner of them is fully equal to all the tricks "Buster Brown" ever tried.

With a great deal of interest and amusement Mr. Outcault watched the little boy and finally the two became fast friends. One day Roger was even more mischievous than ever, and it was then that the twinkling eyes of the little boy made Mr. Outcault think of "Buster Brown." He drew one series of pictures and they were so successful that he has been drawing them ever since.

Every day "Buster Brown" Clark goes out walking with his grandmother or his mother, but there is something missing on each occasion and that something is no other than "Tige." Of course "Buster" still has "Tige," but he decided that the dog could not come with him this time, because grandmas do not always like dogs and "Tige" sometimes forgets to be mannerly.—Denver Post.

#### Postoffice Clerks "Foxy."

The "sporting blood" of "Billy" Carr, fireman of engine company No. 20, was roused when Frank McGuigan, janitor in court No. 5, offered to bet him that a letter addressed with puzzling signs would reach him through the mails.

"I'll take your bet, and it is easy money," said Billy.

The result was one of the most unique addresses in picture writing ever received at the postoffice. McGuigan lost much sleep in framing up the address Thursday. He mailed the letter, which bore on its face the following words:

"A police wagon, a vehicle, matches, a shoe, a nut, under which was the numeral X 1682."

When the letter was received at the postoffice its sender was set down by the clerks as "another fool trying to be funny without knowing how," but Charles Smith, superintendent of clerks, and Harry Ewing set to work to translate it. They succeeded in making out of it the name and address of the fireman, as follows: A police weapon, Billy; a vehicle, Carr; matches, fire; a shoe, house; a nut, Filbert; with the X beneath to make Tenth street, below Filbert; 1682, the date of the founding of this city. The letter was delivered to Fireman Carr yesterday.—Philadelphia Public Ledger.

#### One Language Too Many.

"What was the matter with that college professor?"

"Didn't like him," answered the man who endows universities.

"But he had a fine knowledge of the dead languages."

"Yes, but he was so unfortunate as also to have an acquaintance with English, which constantly tempted him to publish erratic statements in the newspapers."—Washington Star.

In business three things are necessary—knowledge, temper and time.—Felt-ham.